regions as were not strongly influenced by the Japanese are valuable materials provided they are used with care. I have, therefore, sought my materials, as much as possible, from these sources and have used archaeological investigation only as complementary materials.

It is still an open question whether the people called the Ezo in ancient times are the present-day Ainu. Recent excavations indicate that at least in northeastern Hokkaidō there lived a tribe whose culture and constitution differed from those of the present Ainu and whose descendants had existed until relatively recent times. While it cannot be said with certainty that the present-day Ainu are the Ezo recorded by history it seems that the majority of the Ezo, especially those who came into contact with the Japanese and of whom we have records, were Ainu. Therefore, taking what we know of the present Ainu together with what records do exist on the life of the Ezo, we will have, without serious error, raw material on the life of the Ezo of the past.

1. ECONOMIC LIFE

There is little doubt that the Ainu were living in Friedrich List's or Richard Eely's "hunting and fishing stage." By the time records of them began to appear they were already engaged in crude agriculture with millet, barnyard grass, and turnips as the main products. This was in the southwestern part of the island where climatic conditions were favorable and where they came in frequent contact with the Japanese. In other parts of the island dogs, which are advanced domestic animals, were used and the people had progressed from the stage where they relied on natural food to growing food themselves. However this use of agriculture was primarily due to the influence of neighboring peoples and food was still chiefly obtained from natural sources, the products of agriculture and dog-breeding being only supplements, so that they were still a hunting and fishing people. Their food, which was very simply prepared, consisted mainly of flesh obtained by hunting and fishing and a few vegetables to add to their diet.[1]

For clothing they had, since ancient times, made textiles from vegetable fibers called *Attushi* [elm bark cloth] or *Reteruppe* [hemp cloth]. Judging from the methods used and the tools discovered, their textile techniques were imported from Japan either directly or indirectly[2] and previous to this importation clothes of *Uri* [animal skin], *Rapuri* [feathers] and *Akumi* [fish skins] which were respectively, the skins of animals, birds, and fish, had been sewn together with tendons and grass fibers,[3] and *Kera* [straw coats] had been used. Those areas

[1] Kindaichi Kyōsuke, Ainu no seikatsu to minzoku (Ainu life and customs) in *Saihō Zuihitsu*, 131 ff. Tsuru Hideo, Ainu no inshokubutsu ni tsuite (On Ainu food and drink), *Tōkyō Jinruigaku Zasshi* (*TJZ*) 16: 398 ff.

[2] *Hokkaidō Shi* 1: 17.

[3] Kōnō Tsunekichi, Ainu jisei no ifuku (Handmade clothes of the Ainu), *Hokkaidō Jinruigaku Zasshi* (*HJZ*) No. 1: 5 ff.

288 177 which had no contact with the Japanese had no knowledge of textile techniques until comparatively recent times.[4]

Those areas

412 Since they depended wholly upon the Japanese for the refining of iron, their tools, prior to the importation of iron in large amounts, were of stone and bone and, even on the eve of the Meiji [1868–1912] period, stone and bone tools were the only ones possessed by the Ainu of the remoter regions. Most of the Stone Age remains now being unearthed in Hokkaidō are Ainu remains. The Ainu knew how to make earthenware 323 although in later years both the making and use of this ware was forgotten as they relied upon imports from Japan.[5] Bows and arrows (poison arrows and 411 spring bows) along with traps constituted their only 204 hunting weapons.[6] In fishing *Opu* or spears were used and in salmon fishing a heavy club of about two feet 227 in length called *Isabakiku* was wielded. Fishing nets called *Ya* were in use but they were merely crude hand scoops made of ropes of *Shinakō* [*Tilia japonica*—Japanese linden]. They had fish traps called *Urai-teshi*[7] and in tombs fishhooks of bone have been discovered.[8] These all are primitive hunting and fishing tools. Clubs, 411 spears, and bows and arrows were all used but the decisive weapon was the poisoned arrow.[9] Canoes were 501 used for hunting, fishing, and transportation. Those used on swamps and rivers were three–four-man canoes but offshore navigation called for a rather large dugout with boards fastened to the side by vines and operated with mat sails of coarse grasses and double paddles. Their 556 wealth "usually consisted of dwellings, clothing, ornaments and the simple tools with which they obtained and prepared their food, boats, weapons and crude furnishings." This condition accords with that state described by Engels as the "Lower Stage of Barbarism" [10] and even of this wealth they possessed little. 119 181 The culture of the Ainu can be traced back to Morgan's "Upper State of Savagery" or, from the fact that they

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[4] Kindaichi Kyōsuke in *Saihō Zuihitsu*, 121 ff. "The women did not know how to sew. When *Attushi* woven by alien natives was shown to them they would ask where it was made and when we replied that it was woven by women living in another part of the country they were amazed since not one of them could weave even a basket. They thought that the women who had woven the *Attushi* must be godlike persons." Yamazaki Hanzō, *Mōi Tōkanbi* (Narrative of the hairy aborigines of the Eastern region) in *Higashi Ezochi Kikō* (*Etorofuto Kikō*). 1806 [Travels in Eastern Ezo] [Travels in Etorofu Island]. [286]

[5] Kōnō Tsunekichi, Hi Koropukkuru Ron (The anti-Koropukuru argument), *Sapporo Hakubutsu Gakkai Kaihō* 2.

[6] John Batchelor, *The Ainu and their folklore*, chap. 39.

[7] *Ibid.* chap. 43 [stakes driven into stream beds in arrow head form with point downstream. The spaces between the stakes are fitted with branches while the point is open and covered with a net].

[8] Saisenkai ed., *Hokkaidō Genshi Bunka Shuei* (Collected papers on the primitive culture of Hokkaidō), 30–31.

[9] *Ibid.*, 47–51.

[10] F. Engels, *Der Ursprung der Familie, die Privateigentums und des Staats*, 66.

2: Batchelor M-5 (1877-1924)1927
AB6 Ainu AB6

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WEAVING CLOTH AND DOING EMBROIDERY